EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050198816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 16:34
L2	2	substrate same protrusion same device same through same hole same engaging same unit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:08
L3	8	substrate same protrusion same device same through same hole same engaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:17
L4	6	("5338973").URPN.	USPAT	OR	OFF	2007/12/10 14:07
L5	4	circuit same protrusion same device same through same hole same coupling same engaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:09
L6	3	("4874974").URPN.	USPAT	OR	OFF	2007/12/10 14:13
L7	6	("3129300" | "3781616" | "4445075" | "4550267" | "4670697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 14:16
L8	2	substrate same device same protrusion same through same hole same coupling same engaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:18
L9	2	substrate same device same protrusion same through same hole same coupling and engaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:18
L10	3	substrate same device same protrusion same through same hole same coupling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:18
L11	11	("4205672" | "4356818" | "4768023" | "4800370" | "5264830" | "5266928" | "5392032" | "5395358" | "5776122" | "6603403" | "6774800").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 14:20

EAST Search History

L12	2	"5416668".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 14:20
L13	37	("5416668").URPN.	USPAT	OR	OFF	2007/12/10 14:20
L14	95	("20010046119" | "20040052064" | "20050236171" | "20050237727" | "3047648" | "3208511" | "3572428" | "3721746" | "4203488" | "4235285" | "4345267" | "4405961" | "4433886" | "4481525" | "4508163" | "4661888" | "4679118" | "4729426" | "4754101" | "4933746" | "5052481" | "5060114" | "5130888" | "5175395" | "5175613" | "5208731" | "5241453" | "5285350" | "5287001" | "5288313" | "5295043" | "5329426" | "5354951" | "5357404" | "5365399" | "5367433" | "5416668" | "5485037" | "5524908" | "5541811" | "5550713" | "5552635" | "5566052" | "5640047" | "5663786" | "5706579" | "5717248" | "5717577" | "5763824" | "5804875" | "5811050" | "5866943" | "5893409" | "5917701" | "5990418" | "6005186" | "6025991" | "6049469" | "6075700" | "6122167" | "6166918" | "6178097" | "6178318" | "6181573" | "6195267" | "6205026" | "6208515" | "6212073" | "6269008" | "6347035" | "6348654" | "6377472" | "6377475" | "6388189" | "6410846" | "6430043" | "6445583" | "6490173" | "6501018" | "6504095" | "6552261" | "6590783" | "6624432" | "6673998" | "6674653" | "6676137" | "6744640" | "6943287" | "6946598" | "6979773" | "6989994" | "7013558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:28
L15	1	"6312271".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:28
L16	6	("4997381" | "5494449" | "5613863" | "5967807" | "6089886" | "6126460").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:28

EAST Search History

L17	58	("4997381").URPN.	USPAT	OR	OFF	2007/12/10 15:37
L18	6	("1386884" | "2957156" | "4013330" | "4101757").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:41
L19	1051	29/739.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:41
L20	1	19 and 3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L21	360	.29/729.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L22	1	21 and 3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L23	610	29/747.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L24	0	23 and 3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L25	621	439/13.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:42
L26	0	25 and 3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:43
L27	31	439/334.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 15:43
L28	12	("3985417").URPN.	USPAT	OR	OFF	2007/12/10 15:47
L29	3	174/52.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:48
L30	727	174/535.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:48

L31	1	30 and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:48
L32	772	29/747.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:48
L33	0	32 and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:49
L34	190	439/172.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:57
L35	192239	Ling Hsi Chao.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:58
L36	2	3 and 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:59
L37	2	"6287142".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 15:59

EAST Search History

L38	2	"20040144181"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 16:58
L39	2	"4523122".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:01
L40	3	acoustic same matching same member same filling same porous same sound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:20
L41	6	("3738169" | "3964308" | "4366406" | "4523122" | "6371915" | "6545947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 17:03
L42	3	"2762724".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:04
L43	4	("2762724").URPN.	USPAT	OR	OFF	2007/12/10 17:05
L44	20	acoustic same matching same member same porous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:05
L45	0	sound adj vilocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:06
L46	4839	sound adj velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:06
L47	6	44 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:06
L48	18	("5142187").URPN.	USPAT	OR	OFF	2007/12/10 17:08

EAST Search History

L49	660	acoustic same matching same member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:14
L50	6315	fluid adj filling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:14
L51	819	sound adj reflection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:14
L52	0	49 and 50 and 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:15
L53	5	49 and 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:15
L54	5	("4277367" | "5093810" | "5143636" | "6776051" | "6788620").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 17:15
L55	2	("4523122" | "5437194").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 17:18
L56	1801	29/852.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:19
L57	0	51 and 56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:19

EAST Search History

L58	1517	310/334.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:19
L59	0	58 and 50 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:19
L60	4	58 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 17:19
L61	2	acoustic same matching same member same low same sound same reflection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:21
L62	4	acoustic same matching same member same sound same emission same medium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:23
L63	1803	acoustic adj matching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:23
L64	324	emission adj medium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:24
L65	4	63 and 64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:26
L66	27	ultrasonic adj members	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:27

EAST Search History

L67	21566	ultrasonic adj transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:27
L68	636	matching adj member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:28
L69	9	67 and 68 and sound and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:31
L70	8	67 and 68 and sound and velocity and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:57
L71	7	67 and 68 and porous and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 17:57
L72	43	("4297607").URPN.	USPAT	OR	OFF	2007/12/10 18:08
L73	0	ultrasonic same tranducer same gas same porous	USPAT	OR	OFF	2007/12/10 18:09
L74	11	ultrasonic same transducer same gas same porous	USPAT	OR	OFF	2007/12/10 18:11
L75	99	73/810.ccls.	USPAT	OR	OFF	2007/12/10 18:11
L76	0	75 and gas and porous	USPAT	OR	OFF	2007/12/10 18:12
L77	337	310/336.ccls.	USPAT	OR	OFF	2007/12/10 18:12
L78	2	77 and gas and porous	USPAT	OR	OFF	2007/12/10 18:12
L79	43	("4297607").URPN.	USPAT	OR	OFF	2007/12/10 18:13
L80	9	("3427481" | "3674945" | "3925692" | "3935484" | "4118649" | "4211948" | "4211949" | "4217684").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:14
L81	1	"6788620".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:14
L82	6	("3738169" | "3964308" | "4366406" | "4523122" | "6371915" | "6545947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:14

EAST Search History

L83	3927	Seigo Shiraishi.inv.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:15
L84	556462	83 and gas and porous ans sound	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:15
L85	14	83 and gas and porous and sound	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 18:15